

Supplementary Table S1. Bacterial strains, phage, and plasmids.

Strain, phage, or plasmid	Description	Source
UCBPP-PA14	Generous gift from George O'Toole, Geisel School of Medicine at Dartmouth University, Hanover, NH	Laboratory stock
NMHK215	PA14 WT ^R , PA14 carrying a CRISPR2 spacer targeting JBD44a	This study
NMHK326	PA14 Δ CRISPR Δ cas	This study
NMHK383	PA14 <i>csy4-3xflag</i>	This study
NMHK396	PA14 Δ lasI Δ rhII <i>csy4-3xflag</i>	This study
SM53	PA14 Δ lasI Δ rhII	(1)
SMC4268	PA14 Δ cas3	(2)
<i>E. coli</i> SM10 λ pir	<i>thi thr leu tonA lacY supE recA::RP4-2-Tc::Mu</i>	Laboratory stock
pEXG2	Allelic exchange vector with pBR origin, gentamicin resistance, <i>sacB</i> , Generous gift from Joseph Mougous, University of Washington, Seattle	(3)
JBD44a	Generous gift from Joseph Bondy-Denomy, University of California, San Francisco	(4)
DMS3m ^{vir}	Phage targeted by CRISPR2 spacer 1 (virulent mutant of DMS3 ^{100%})	(5)
pHERD30T	Empty plasmid, gentamicin resistance	(5)

pCR2SP1	pHERD30T containing the protospacer to CRISPR2 spacer 1	(5)
pCR2SP1 seed	pCR2SP1, with a one base seed mutation	(1)

Supplemental references for Supplementary Table S1

1. Hoyland-Kroghsbo NM, Paczkowski J, Mukherjee S, Broniewski J, Westra E, Bondy-Denomy J, Bassler BL. 2017. Quorum sensing controls the *Pseudomonas aeruginosa* CRISPR-Cas adaptive immune system. *Proc Natl Acad Sci U S A* 114:131-135.
2. Cady KC, O'Toole GA. 2011. Non-identity-mediated CRISPR-bacteriophage interaction mediated via the Csy and Cas3 proteins. *J Bacteriol* 193:3433-45.
3. Rietsch A, Vallet-Gely I, Dove SL, Mekalanos JJ. 2005. ExsE, a secreted regulator of type III secretion genes in *Pseudomonas aeruginosa*. *Proc Natl Acad Sci U S A* 102:8006-11.
4. Phee A, Bondy-Denomy J, Kishen A, Basrani B, Azarpazhooh A, Maxwell K. 2013. Efficacy of bacteriophage treatment on *Pseudomonas aeruginosa* biofilms. *J Endod* 39:364-9.
5. Cady KC, Bondy-Denomy J, Heussler GE, Davidson AR, O'Toole GA. 2012. The CRISPR/Cas adaptive immune system of *Pseudomonas aeruginosa* mediates resistance to naturally occurring and engineered phages. *J Bacteriol* 194:5728-38.